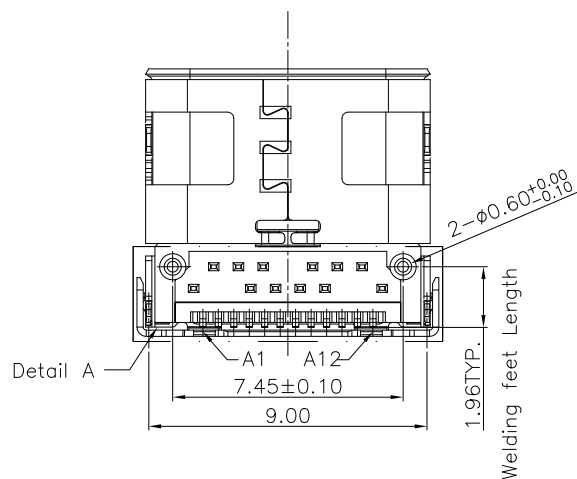
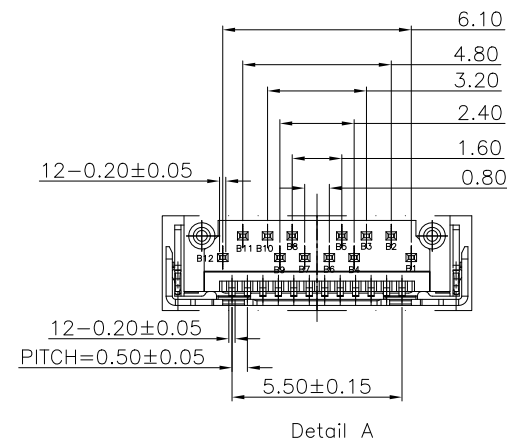
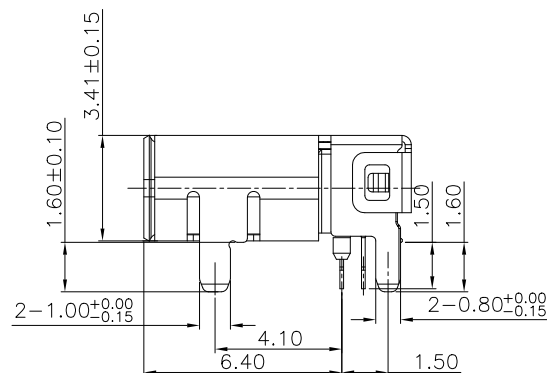
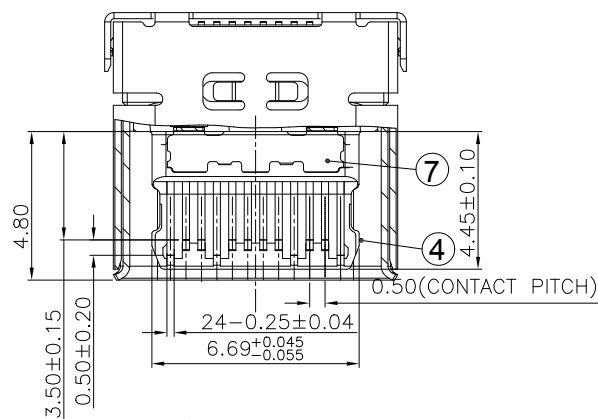


TID NO.	9110
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Technical drawing of a mechanical part, labeled SECTION A-A. The drawing shows a cross-section of a component with various dimensions and tolerances. Key dimensions include:

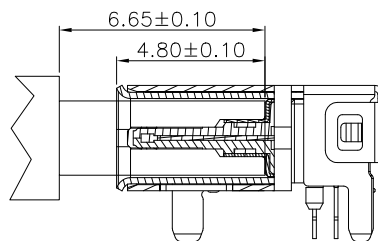
- Overall width: 2.56 ± 0.04
- Internal width: 1.20 ± 0.05
- Internal width: $1.2 - 0.70 \pm 0.05$
- Internal width: 0.60
- Internal width: $1.62^{+0.05}_{-0.10}$
- Internal width: $1.37^{+0.05}_{-0.10}$
- Internal width: $CL1.75$
- Internal width: $H3.46$
- Internal width: 0.50
- Internal width: 0.75
- Internal width: 0.10
- Internal width: 0.70
- Internal width: $T0.12 \pm 0.05$

The drawing includes a section line and the label SECTION A-A. A surface texture symbol is present, indicating a roughness of 0.10 .



frame size: A4

TID NO.	9110
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MATED CONDITION(REF.)

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

1. Electrical Characteristics:
 - 1-1: Current Rating: 5A For Pin(A4,A9,B4,B9)
1.25A For Pin(B5)
0.25A For Others Pin
 - 1-2: VOLTAGE RATING:20V
 - 1-3: Insulation Resistance: 100MΩ Min.
 - 1-4: Contact Resistance:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
SHIELD:LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - 1-5: Dielectric Withstanding Voltage: 100V/AC 1Minute
2. Mechanical Characteristics:
 - Insertion Force: 5~20N
 - Extraction Force: Initial: 8~20N
 - After durability: 6~20N
 - Durability :10000 Cycles
3. Operating Temperature: -25°C TO +85°C
- 4.MID PLATE, EMC PLATE, SHELL CONNECTED TOGETHER
- 5.PART NUMBER CODE:(产品料号)
CF147-24 $\begin{matrix} X & X & XX & R-C3 \\ (1) & (2) & (3) & (4) \end{matrix}$
- (1) HOUSING MATERIAL:
L:LCP
 - (2) HOUSING COLOR:
B:BLACK
 - (3) CONTACTS PLATED:
02:半金锡3u"
 - (4) PACKING OPTIONS
R:TAPE & REEL

TYPE:

7	EMC PLATE	SUS301 T=0.10mm	CLEAR ONLY	2PCS	
6	OUTER SHELL	SUS304 T=0.20mm	NICKEL 30u" MIN PLATING	1PCS	
5	INNER SHELL	SUS304 T=0.20mm	NICKEL 30u" MIN PLATING	1PCS	
4	SHIELDING PLATE	SUS301 T=0.15mm	CLEAR ONLY	1PCS	
3	SMT CONTACT	C18150-H T=0.12mm	NI 50u" MIN. UNDER PLATED OVER ALL Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. PLATING Tin OF THE SOLDER AREA	1SET	
2	DIP CONTACT	C18150-H T=0.12mm	NI 50u" MIN. UNDER PLATED OVER ALL Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. PLATING Tin OF THE SOLDER AREA	1SET	
1	HOUSING	LCP UL94V-0	BLACK	1PCS	
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY	

PART NO.:
SEE THE PART NUMBER CODE

ZDT 深圳市中科兴达科技有限公司
SHENZHEN ZDT TECHNOLOGY CO., LTD

DRAWN BY	DATE
SAM	2021.05.23

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)	
$\nabla = 0$	x.xxxx	$\pm$ ---
$\nabla = 0$	x.xxx	$\pm$ 0.10
$\nabla = 0$	x.xx	$\pm$ 0.25
$\nabla = 0$	x.x	$\pm$ 0.30
$\blacktriangledown$	ANG III AR	$\pm$ ---

TITLE	USB 3.1 C TYPE REC. TOP CONNECTOR DOUBLE SHELL (CL=1.75 L=8.65mm)
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DWG.NO.	CF147-24-C3
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DIMENSION STYLE
MM ONLY

DESIGN UNITS
METRIC

SHEET NO.
2 OF 2

APPROVED BY	DATE
JACKY	2021.05.23


 THIRD ANGLE
PROJECTION

frame size: A4